



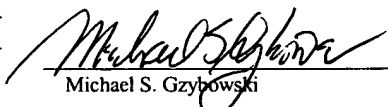
84-88-07

IAP6 Rec'd PCT/PTO 30 MAR 2007

PCT  
\$

PATENT APPLICATION

*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

<i>Group</i>		}	<u>Certificate Under 37 CFR 1.10</u>
<i>Art Unit:</i>	Unknown	}	'EXPRESS MAIL' MAILING LABEL NO:
		}	
<i>Attorney</i>		}	<u>EL790917512 US</u>
<i>Docket No.:</i>	135292-0001	}	
		}	DATE OF DEPOSIT: <u>March 30, 2007</u>
<i>Applicant:</i>	Mikio HASEGAWA et al.	}	I HEREBY CERTIFY THAT THIS PAPER OR FEE IS
		}	BEING DEPOSITED WITH THE UNITED STATES
<i>Invention:</i>	ANALOG SIGNAL INPUT/OUTPUT	}	POSTAL SERVICE "EXPRESS MAIL POST OFFICE
	SYSTEM USING NETWORK LINES	}	TO ADDRESS" SERVICE UNDER 37 CFR 1.10 ON
		}	THE DATE INDICATED ABOVE AND IS
<i>Serial No:</i>	10/579,880	}	ADDRESSED TO THE COMMISSIONER FOR
		}	PATENTS, P.O. BOX 1450, ALEXANDRIA, VA
<i>Filed:</i>	May 18, 2006	}	22313-1450.
		}	
<i>Examiner:</i>	Unknown	}	 Michael S. Gzybowski

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN  
THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
SUBMISSION ENGLISH TRANSLATION OF SPECIFICATION  
SUBMISSION OF EXECUTED DECLARATION AND PAYMENT OF SURCHARGE FEE

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 mailed  
February 1, 2007, enclosed are:

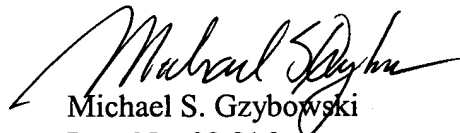
- 1) A translation of the application into English (including drawings);
- 2) The signed and dated Declaration; and
- 3) A copy of the Notification of Missing Requirements under 35 U.S.C. 371

The undersigned hereby authorizes the Commissioner of Patent to charge the necessary Processing Fee of \$130 to Deposit Account No. 12-2136.

To the extent necessary, a petition for an extension of time under 37 CFR §1.136 is hereby made. Please charge the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 12-2136 and please credit any excess fees to such deposit account.

It is believed that by submitting the signed and dated Declaration together with the surcharge the above-identified application is complete and may be processed for examination.

Respectfully submitted,



Michael S. Gzybowski  
Reg. No. 32,816

BUTZEL LONG  
350 South Main Street  
Suite 300  
Ann Arbor, Michigan 48104  
(734) 995-3110

04/05/2007 MKAYPAGH 00000094 122136 10579880

01 FC:1618 130.00 DA

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Mikio HASEGAWA et al.**

Docket No.

**135292-0001**

Application No.

**10/579,880**

Filing Date

**May 18, 2006**

Examiner

**Unknown**

Customer No.

**35684**

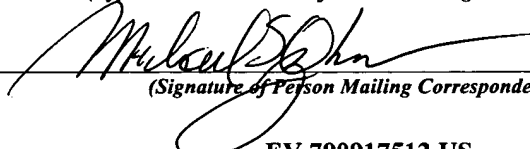
Group Art Unit

**Unknown**Invention: **ANALOG SIGNAL INPUT/OUTPUT SYSTEM USING NETWORK LINES**

I hereby certify that the following correspondence:

**Response to Notification of Missing Requirements under 35 U.S.C. 371 including: Translation of Application into English (including drawings); Signed and Dated Declaration; Copy of the Notification of Missing Requirements under 35 U.S.C. 371; Fee Transmittal; and Return Receipt Postcard.***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**March 30, 2007***(Date)***Michael S. Gzybowski***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 790917512 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Doc Code:

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
for FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **\$130.00****Complete if Known**

Application Number	10/579,880
Filing Date	May 18, 2006
First Named Inventor	Mikio HASEGAWA et al.
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	135292-0001

**METHOD OF PAYMENT** (check all that apply)
☐ Check    ☐ Credit Card    ☐ Money Order    ☐ None    ☐ Other (please identify): \_\_\_\_\_

☒ Deposit    Deposit Account Number: 12-2136    Deposit Account Name: BUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or any underpayments of fee(s) under 37 CFR 1.16 and 1.17    ☒ Credit any overpayments
**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	\$50.00	=			

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	\$200.00	=

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

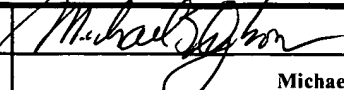
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	/ 50 0 (round up to a whole)	x \$250.00	= \$0.00

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Missing Parts Processing Fee**\$130.00****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	32,816	Telephone	734-995-3110
Name (Print/Type)	Michael S. Gzybowski			Date	March 30, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/579,880	Mikio Hasegawa	1352920001

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/JP04/17292

I.A. FILING DATE	PRIORITY DATE
11/19/2004	11/19/2003

35684  
 BUTZEL LONG  
 350 SOUTH MAIN STREET  
 SUITE 300  
 ANN ARBOR, MI 48104

**RECEIVED**  
**BUTZEL LONG**

FEB 06 2007

RESPONSE DUE:

DOCKET 1 4/16/2007 DOCKET 2 1/10

Date Mailed: 02/01/2007

CONFIRMATION NO. 5964

371 FORMALITIES LETTER

\*OC000000022255037\*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/18/2006
- Copy of the International Search Report filed on 05/18/2006
- Information Disclosure Statements filed on 05/18/2006
- U.S. Basic National Fees filed on 05/18/2006
- Priority Documents filed on 05/18/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,**

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/579,880	PCT/JP04/17292	1352920001